

## Patent claims

1. Process for the computer-supported monitoring of the transmission of electronic messages within a data network (1), with the five following procedural steps:

5           a) Ascertainment of the sender identification information of an incoming electronic message,

          b) inquiry to an electronic database (11) and a check to determine whether the sender identification information is registered in the database (11) as acceptable or unacceptable sender identification information,

10           c) transmission of the electronic message depending on the result of the check in procedural step b), characterized by the fact the entries are automatically generated in the 5 database (11) relating to acceptable sender identification information by means of the fact that identification information of computers (2, 3, 4, 5) connected to the data network (1) is stored in the database (11) at least as components of acceptable sender  
15 identification information, if the outgoing data traffic directed to these computers (2, 3, 4, 5) is registered.

20           2. Process according to Claim 1, characterized by the fact that recipient identification information of outgoing electronic messages is stored in the database (11) as acceptable identification information.

25           3. Process according to Claim 1, characterized by the fact that the identification information of a server computer (2) connected to the data network is stored in the database (11) as a component of acceptable sender identification information, if a request for a service from such server computer (2) via the data network (1) is registered in the outgoing data traffic.

4. Process according to one of the Claims 1 through 3, characterized by the fact that an automatically generated entry of acceptable sender identification information is deleted from the database (11) after the expiration of a definable time interval.

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5. Process according to one of the Claims 1 through 4, characterized by the fact that the sender identification information is stored in the database (11) in coded form.

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6. Process according to one of the Claims 3 through 5, characterized by the fact that accesses to server computer (2) via the data network are automatically recorded by means of an application program (10) and by the fact that the outgoing data traffic is thereafter analyzed on the basis of the record in order to generate entries in the database (11).

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7. Process according to one of the Claims 1 through 5, characterized by the fact that the process is implemented on a server (6) that is connected to the data network and forwards incoming and outgoing data traffic.

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